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**Part Number:** [1721590212](#)  
**Status:** **Active**  
**Overview:** [EdgeMate Wire-to-Edge-Card Power Connector](#)  
**Description:** 3.96mm Pitch EdgeMate Wire-to-Board Edge Card Connector, Female, Nylon 6/6, White, UL94-V2, without Lock, 12 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-172160-0001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-172159-0001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**Application tooling part link**

Application Tooling Part Link 11-03-0016

**General**

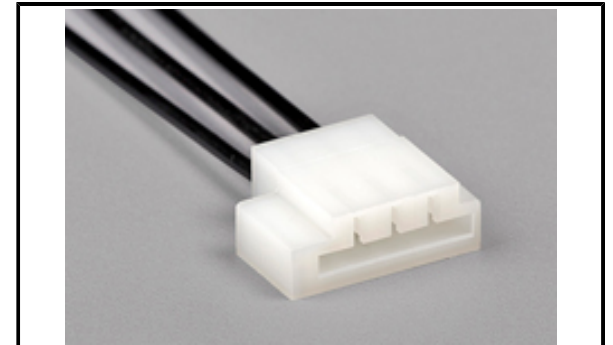
Product Family	Edge Card Connectors
Series	<a href="#">172159</a>
Comments	See Product Specification for maximum current rating by wire AWG and terminal material.
Component Type	Edgecard to Wire
Data Rate	Unrated
Edge Card Thickness	N/A
High Power Bay (30.0A or more)	No
Orientation	Right-Angle
Overview	<a href="#">EdgeMate Wire-to-Edge-Card Power Connector</a>
Product Name	EdgeMate
Standard Based	General
UPC	887191569819

**Physical**

(p)ower-(s)ignal Configuration	12p - 0s
Circuit Size Range	1-64 Circuits
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	White
Durability (mating cycles max)	25
Entry Angle	90° Angle
Flammability	94V-2
Keying to Mating Part	Yes
Material - Plating Mating	N/A
Material - Resin	Nylon
Net Weight	4.060/g
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.57mm
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	3.96mm
Polarized to Mating Part	Polarizing Ribs
Temperature Range - Operating	-40° to +105°C, -40° to +80°C
Termination Interface: Style	Straddle Mount-Edge Card

**Electrical**

Current - Maximum per Contact	7.0A
Voltage - Maximum	250V



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[172159 Series](#)

**Mates With**

Edge Card PCB

**Use With**

[172160](#)

**Application Tooling | [FAQ](#)**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
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Extraction Tool for Flat Blade, 3.96mm KK, 2.00mm, 3.96mm EdgeMate, and Ultra-Fit Terminals	<a href="#">11030016</a>
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**Solder Process Data**

Lead-free Process Capability

N/A

**Material Info****Reference - Drawing Numbers**

Packaging Specification

PK-172159-0001-001

Product Specification

PS-172160-0001-001

Sales Drawing

SD-172159-0000-000

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